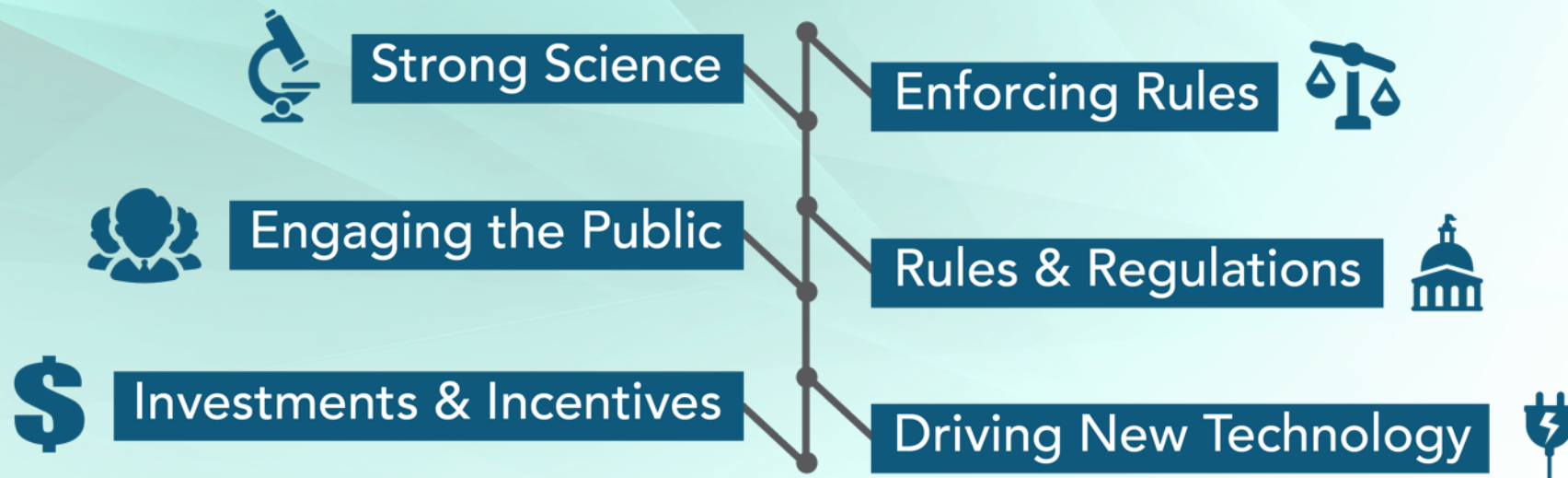




# AB 617 Technology Clearinghouse

June 24, 2021

# California's Path to Clean Air

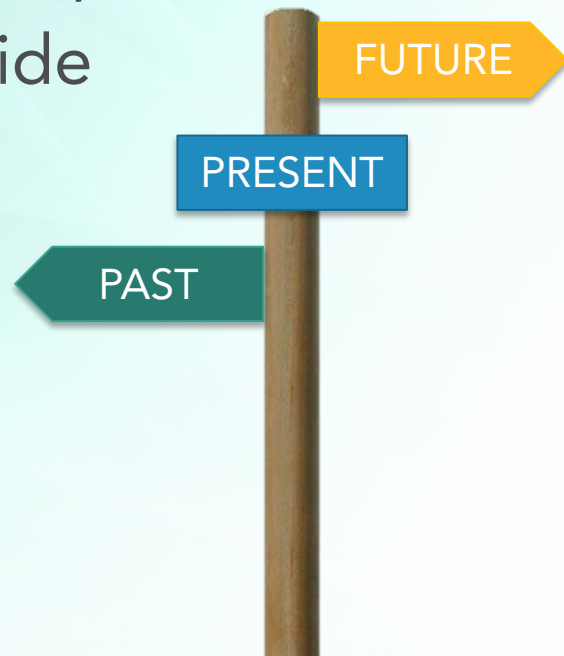


# Today's Goals

- Understand the role of the Technology Clearinghouse in AB 617 implementation
- Demonstrate publicly available prototype tools
- Share next steps

# Role of Technology Clearinghouse

- Provide emission control rules, measures, and technology options for sources statewide
- Highlight cleanest options available
- Support continuous improvement of emissions sources
- Enhance transparency for all users

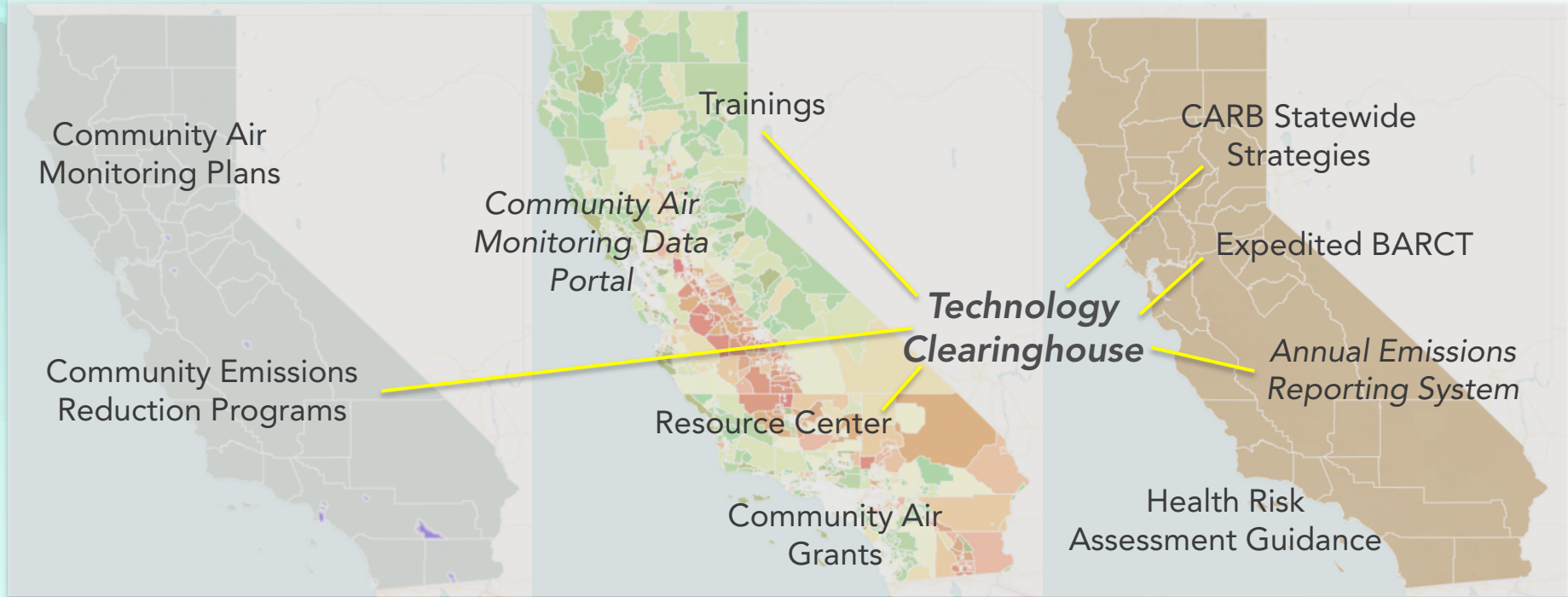


# Clearinghouse Supports Several Elements of AB 617

## AB 617 COMMUNITIES (15)

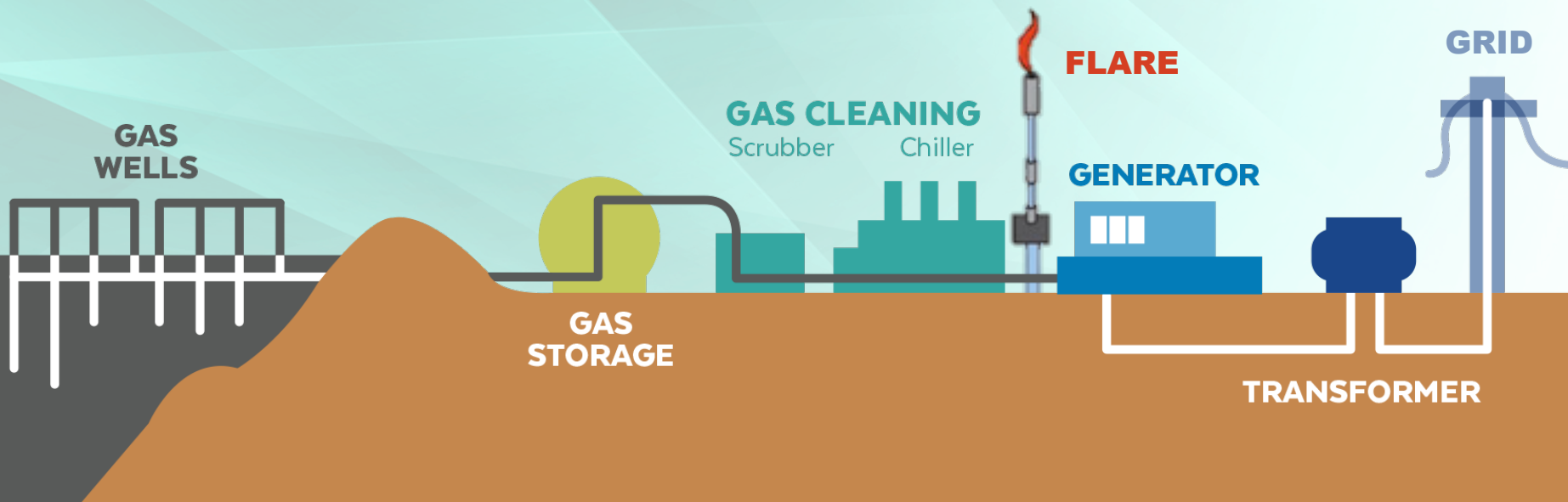
## AB 617-ELIGIBLE

## STATEWIDE





# Need to Identify Reduction Opportunities



**3 PERMITS**



**61 PERMITTED UNITS  
13 EXEMPT UNITS**



**13 PROHIBITORY RULES**

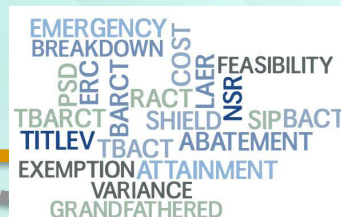
# Centralized Resource to Enhance Transparency

## Emissions Inventory

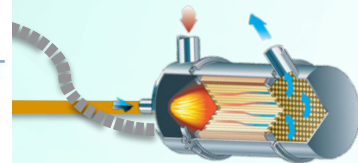
*What sources emit pollutants of concern?*



*What emission limits apply?*



*Why?*



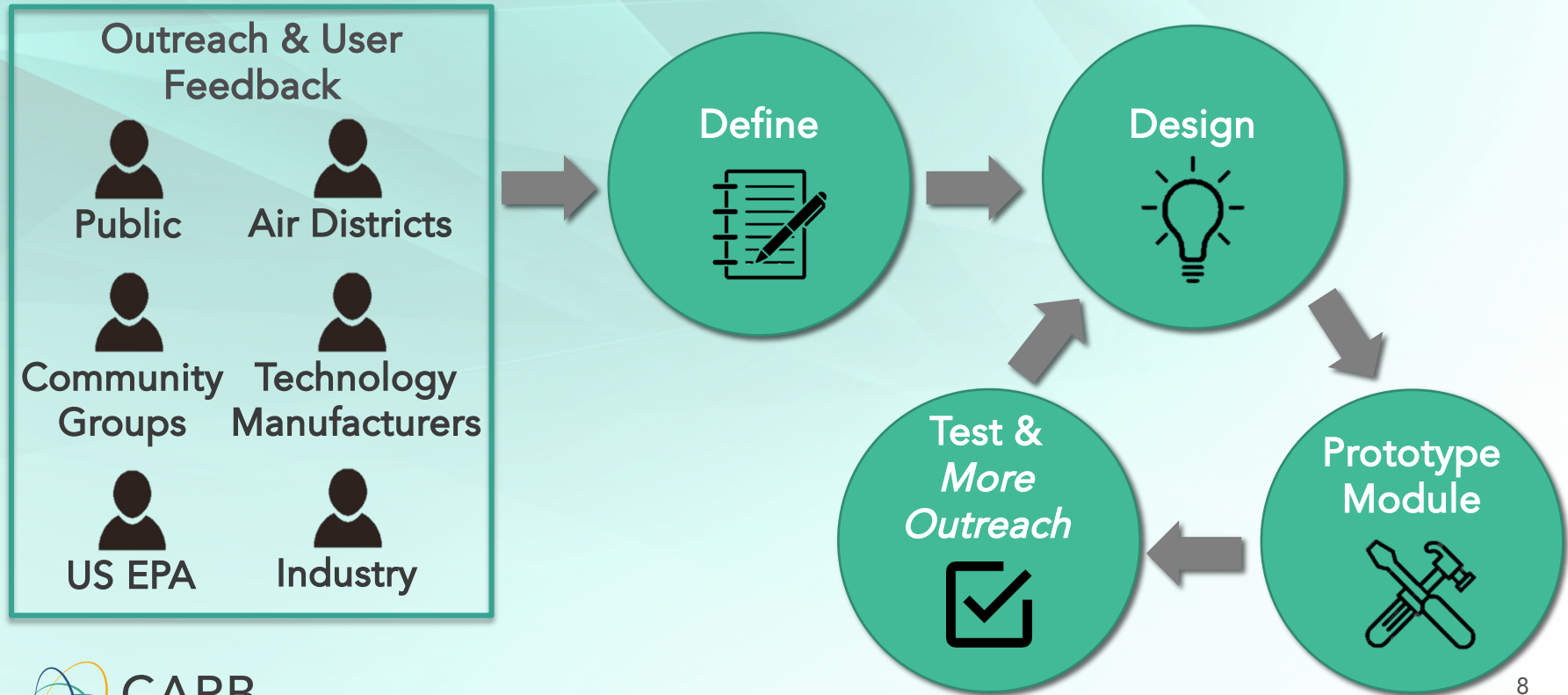
*Controls installed?  
Available?*

## Technology Clearinghouse

*What emissions reduction opportunities are available?*



# Prototype Development Process





# Community-Driven System Design

Interactive tools that allow users to filter and download data



Ability to compare standards



Online training videos



Ability to search for information using common terms



Clear background information



Comprehensive reports



Watch our demonstration video online at

<https://www.youtube.com/watch?v=NeKaga8lylY>

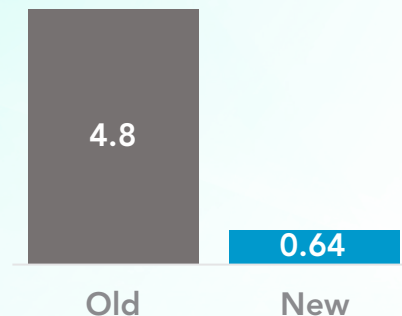
# Use Case: Bay Area Data Centers

- Back-up power demand increasing
- Over 60% of new engines in disadvantaged communities
- CARB and Districts identified technology beyond requirements
- District implemented stricter limits

Back-up Power (MW)<sup>1</sup>



Emissions Limits<sup>2</sup>



# Next Steps

- Continue to request public feedback through focus groups on prototypes
- Begin working with external contractor in late 2021
- Release new prototype tools based on public needs